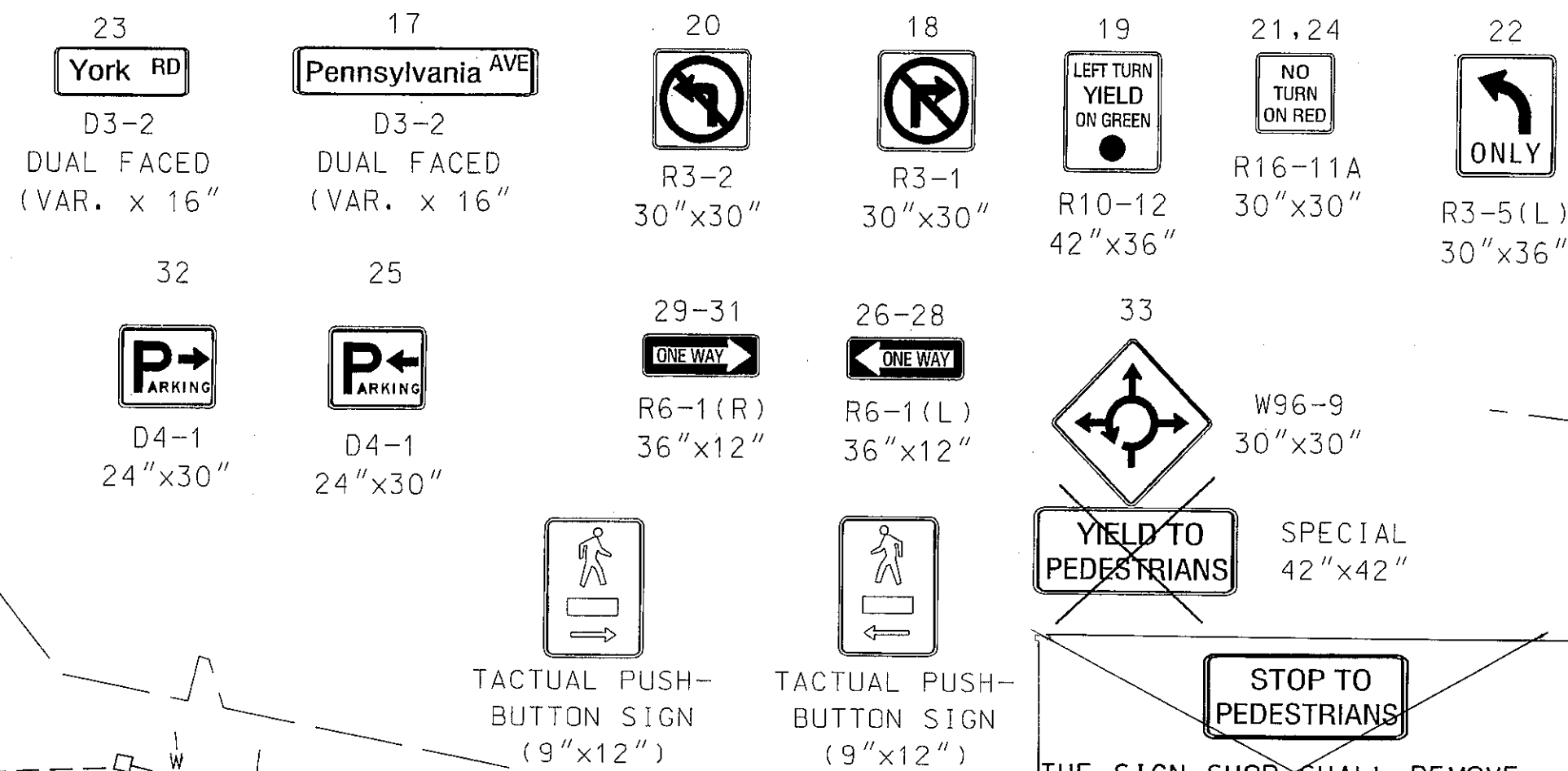




NOTE: MD 45 US ASSUMED TO RUN
IN A NORTH/SOUTH DIRECTION.

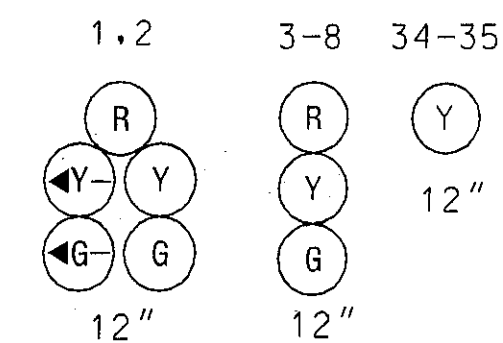
TO: TOWSON
ROUNDBOULT/ I-695

EXISTING SIGNS

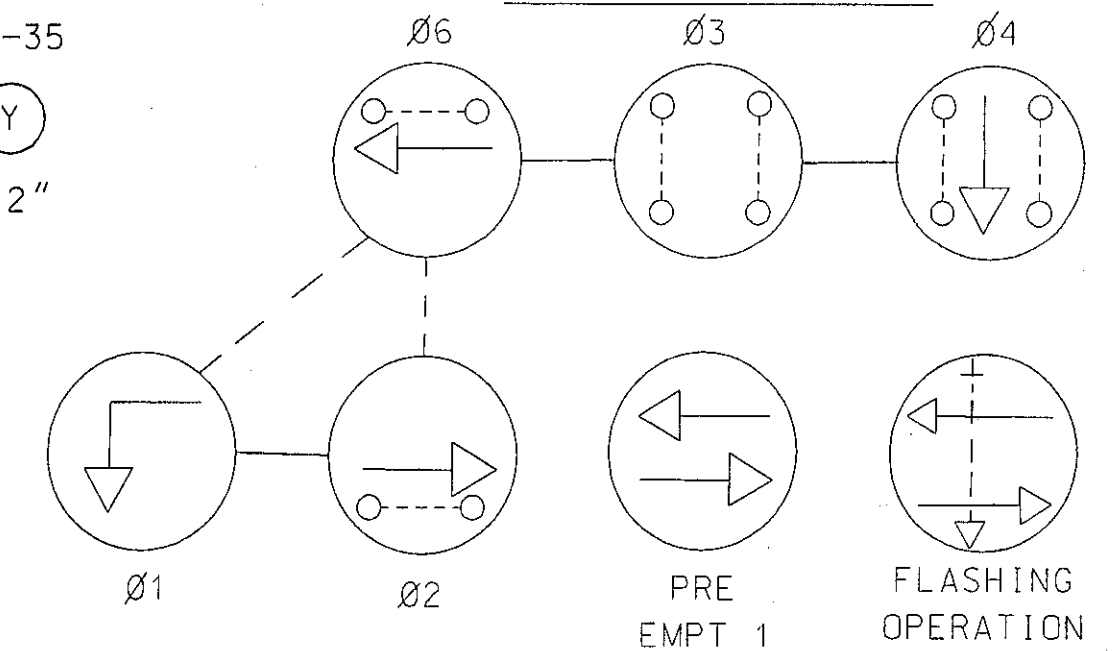


EXISTING SIGNALS

PROPOSED SIGNALS



NEMA PHASING



PHASING NOTES:
1. PHASES ASSOCIATED BY A DASHED LINE WILL
OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A SOLID LINE WILL NOT
OPERATE CONCURRENTLY.

PROJECT DESCRIPTION

I. GENERAL:

THIS PROJECT INVOLVES THE REPLACEMENT OF THE EXISTING 8" SIGNAL HEADS WITH 12" SIGNAL HEADS. THE PROPOSED SIGNAL HEADS SHALL BE INSTALLED IN THE SAME LOCATION AS THE EXISTING AND SHALL BE REWIRED WITH THE EXISTING CABLES. STREET LIGHTING AND STREET NAME SIGNS ARE EXISTING.

II. INTERSECTION OPERATION:

THE INTERSECTION OPERATES IN A FIVE-PHASE, FULL-TRAFFIC-ACTUATED MODE WITH EXCLUSIVE PERMISSIVE LEFT TURN FOR THE SOUTH LEG OF MD 45. PEDESTRIAN MOVEMENTS OPERATES CONCURRENTLY WITH MD 45 THROUGH MOVEMENTS. PENNSYLVANIA AVE. OPERATES WITH PUSH BUTTON ACTUATED PEDESTRIAN MOVEMENTS TO CROSS MD 45. THE PEDESTRIAN MOVEMENT CAN OPERATE ALONE. FIRE-EMPTION CALLS THE THROUGH MOVEMENTS FOR MD 45 WITHOUT THE PEDESTRIAN MOVEMENTS.

THE EXISTING CONTROLLER AND POLE MOUNTED CABINET SHALL BE MAINTAINED.

CONSTRUCTION DETAILS

- USE EXISTING MAST ARM. REPLACE THE EXISTING TRAFFIC SIGNAL HEADS WITH PROPOSED 12" SIGNAL HEADS. DISCONNECT THE EXISTING CABLES. INSTALL PROPOSED HEADS IN THE SAME LOCATION AND RE-WIRE.
- USE EXISTING 14" PEDESTAL POLE. REPLACE THE EXISTING FLASHING WARNING SIGNAL HEADS. DISCONNECT THE EXISTING CABLES. INSTALL PROPOSED 12" SIGNAL HEADS IN THE SAME LOCATION AND RE-WIRE.

EQUIPMENT LIST

Equipment to be furnished and installed by the contractor

ITEM NO	QUANTITY	DESCRIPTION
1001	1 EA	MAINTENANCE OF TRAFFIC
8013	1 EA	REMOVE + DISPOSE OF EXISTING EQUIPMENT (PER ASSIGNMENT)
8053	30 EA	12" VEHICULAR TRAFFIC SIGNAL HEAD SECTIONS

UTILITY LEGEND

G	G	GAS MAIN
W	W	WATER MAIN
S	S	SEWER MAIN
E	E	ELECTRIC CABLES
A	A	AERIAL CABLES
T	T	TELEPHONE CABLES

GENERAL NOTES:

- This plan reflects only those underground utilities that were apparent at the time this location was being asbuilt. The Contractor is responsible to contact "Miss Utility" prior to construction, so that all the underground utilities may be located in the field.
- This modification shall be performed during off-peak hours: contact Ed Rodenhizer of the SHA Traffic 72 hours prior to the modification change at 410-787-7652.

REVISIONS

NO	DATE	DESCRIPTION
1	4/7/04	CHANGE EXISTING SIGNAL HEAD TO 12" SIGNAL HEADS (SHA # AT2805185)
2	6/99	INSTALL H/B ALONG MD 45 NORTHBOUND
3	11/20/98	ASBUILT SHA NO. : BA1655176
4	4/96	RECONSTRUCT SIGNAL IN CONJUNCTION WITH STREETSCAPE PROJECT

APPROVALS

TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION
ASST. CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
DIRECTOR, TRAFFIC & SAFETY

CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS - PLANNERS
32 WEST ROAD
TOWSON, MARYLAND 21204



MD # AT288-162
MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
SIGNAL PLAN
MD 45 (York Road) AT Pennsylvania Ave

DRAWN BY: SPP	F.A.P. NO. 3568 G	TS NO. 3568 G	SHEET NO. 1 OF 1
CHECKED BY: DLA	S.H.A. NO. B-165-501-476	T.J.M.S. NO. F 824	
SCALE: 1" = 20'	COUNTY: BALTIMORE	LOG MILE: 03045002.78	
DATE: 12/12/2003			

0:TRANSWGW*22171*task 35*Psm45.dgn

5/7/2004